OLEJNIK, O.; VASULIN, M.; BEDNAR, O.

Our experiences with the surgical treatment of total atrioventricular block. Rozhl. chir. 44 no.1:8-15 Ja 165

1. II. chirurgicka klinika lekarske fakulty University J.E. Purkyne v Brne (prednosta: prof. dr. J. Navratil, DrSc.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

MOVAK, M.; KRTICKA, A.; SERBA, I.; VASULTH, M.

An electronic device for the output of the auxiliary circulation pump. Ser. med. fac. and. Brunemais 38 no.41169-172 165.

1. II. chirurgicka klinika lekarske fakulty University J.C., Purkyme v Brne (prednosta prof. MJCr. Jan Havratil, DrSc., Purkyme v Brne (prednosta prof. MJCr. Jan Havratil, DrSc., Purkyme v Brne, nositel Radu republiky.

Zapotockeho v Brne, nositel Radu republiky.

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TO COLUMN TAXABLE PROPERTY DESCRIPTION DE SERVICION DE SE

Completing TUSSR COLLIVATED PLANTS, POTATOCS, Togetables, Cucurbits. Catagory Abs. Jour. : AEF ZhUA-BIOL., 21,1968. AD-96010 Latiner 'Vasul'yova, Zastitut. Moscow Arric. Acad. in. K.A. Timiryzev Hible The Possibility of Using Multiple Strip Planting for Carrots With the Utilization of Merbicide orts. Two. Sb. stud. neuchno-issled. rabot. Mosk. s.-kh. akad. in, Y.A. Timirvezeva, 1957 (1958), vyp.7, 267-271 According to the findings of experiments at the Abstract Gor'kiv Sovkhoz during production trials, the dusting of carrot plantings with 20% isopropyl Nphenyleurbenate (IPC) in phosphorite mual for 6-10 days after sowing the carrots produced a sharp reduction in the number of weeds when two weedings were rade on the two and five strip plantings. The carrot harvest was increased in the two-strip plant ings by 58.9 cwt/ha., and on the five-strip planting by 67.6 cwt/ha.--N.T. Stonov 1/1 Cardi

66

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三十三字字打在30万百万世纪2月 华西国的中国统治经济设计发展及政治经

AKSEL'ROD, L. S.; VASUNINA, G. V.

"Investigation into crystalization of moisture and carbon dioxide from a vaporgas mixture."

report subm itted for 2nd All-Union Conf on Heat & Transfer, Minsk, 4-12 May 1964.

All-Union Sci Res Inst Oyxgen Engineering.

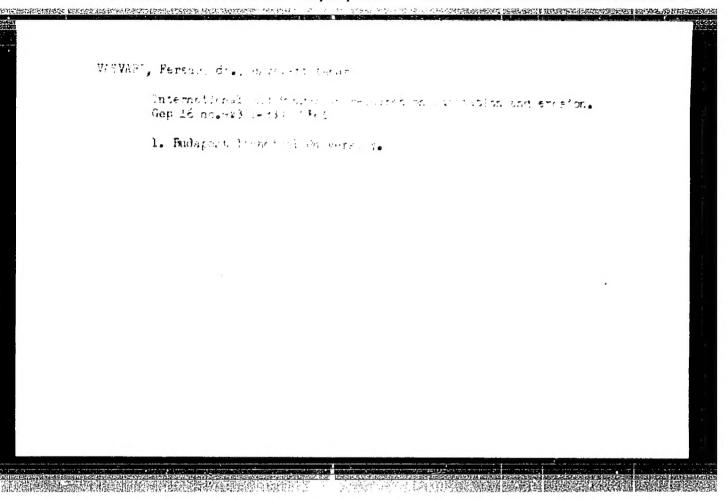
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AND THE WHITE HEAVING PROPERTY OF THE PROPERTY

WASVARI, F., prof. (Budapest, V.Szerb u.23)

Initial destruction of metal surfaces by water impact. Periodica polytecha eng 6 no.1:21-42 62

1. Lehrstuhl für elektrotechmische Werkstofftechmologie.



HALL THE THE SECOND SEC

BALASSA, Maria, dr.; POLICZER, Miklos, dr.; FIALA, Ervin, dr.; MIKE, Teresia, dr.; TARI, Laszlo; VASVARI, Gabor

Radioiodine thyroid function test with the aid of the organic phosphorus scintillator and GM tube. Magb radiol. 12 no.4:240-244 N *60.

1. A Kozponti Allami Korhaz et a MTA Kozp. Kemiai Kutato Intezetenek kozos kozlemenye.

(THYROID GLAND physiol) (IODINE radioactive) (RADIOMETRY)

VASVARI, Gabor (Budapest)

An account of my study trip in Poland. Kem tud kozl MTA 16 no.1: 143-144 161.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete, Budapest.

(Nuclear reactors) (Hungarians in Poland)

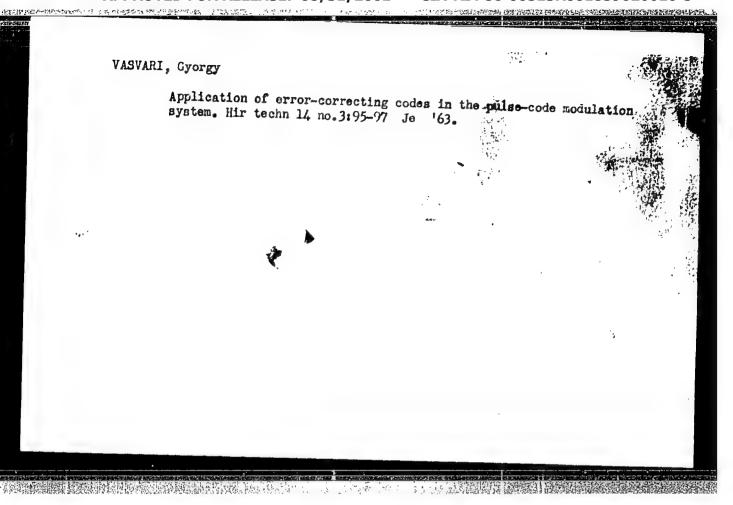
VASVARI, Gyorgy, villamos mernok

Gamma 3B2T electronic calculating machine. Meres automat 9 no.12:
355-357 D '61.

(Electronic calculating machines)

VASVARI, Gyorgy, okl.villamosmernok

Some problems of storing information by the digital technique. Meres autornt 10 no.3:74-77 162.



SZENES, Tibor, dr., orvostudomanyok kandidatusa; VASVARI, Jeno, dr.
Influence of azulenol on x-ray injuries. Magy. radiol. 7 no.4:

1. A Magyar Nephadsereg Egeszsegugyi Szolgalata.

(ROENTGEN RAYS, effects
total body, protective eff. of azulenol by histamine liberation in mice.)

(CYCLOPENTANES, effects
azulenol, protective eff. against total body x-ray injuries by histamine liberation in mice.)

(HISTAMINE
liberation by azulenol in mice, protective eff. against total body x-ray injuries.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

THE THE STREET SERVICE SERVICE

VASVAHI, Jeno, Rr.: HOZSA, Maria, Dr.

Ellipsoid gastric ulcer. Orv. hetil. 90 no.52:1840-1841 28 Dec 58.

1. A Budapesti Fovarcai IV. ker. Karolyi Sandor Koskorhas (igazgatoforvos: Iazaritis Jeno dr.) Rontgenosztalyanak (foorvos: Jakob Mihaly dr. egyet. m. tanar) es II. sz. Belgyogyasztanak (foorvos: Ujszaszy Iaszlo dr.) kozlemenye.

(CONCESTIVE HEART FAILUME, compl.

peptic ulcer, ellipsoid, in prepyloric area (Hun))

(PEPTIC ULCER, case reports

epolpsoid ulcer in prepyloric area in congestive heart failure (Hun))

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASVARI, Jeno, dr.; HORVATH, Nandor, dr.

有性性和關係的學術的可以與自由於於學科學學的學術的學科學

A new method and apparatus for phlebographic examination of the lower extremities. Magy radiol 12 no.1:43-45 Mr *60.

1.A Foverosi Karolyi Sandor korhaz sebeszeti osztalyanak (igazgato: Iazarits, Jeno, dr., sebesz foorvos) es rontgen osztalyanak (foorvos: Jakob, Mihaly, dr. e.m. tanar) kozlemenye.

(ANGIOGRAPHY)

VASVARI, Jeno, dr.; LELKES, Gyorgy, dr.

Foreign bodies in the heart. Orv. hetil. 102 no.18:834-839 30 Ap *61.

1. Budapest Fov. IV ker. Karelyi Samdor Kezkerhaz, Rontgem Osztaly es a IV ker. Arpad Kezkerhaz Belgyegyaszati Osztaly.

(HEART for bodies)

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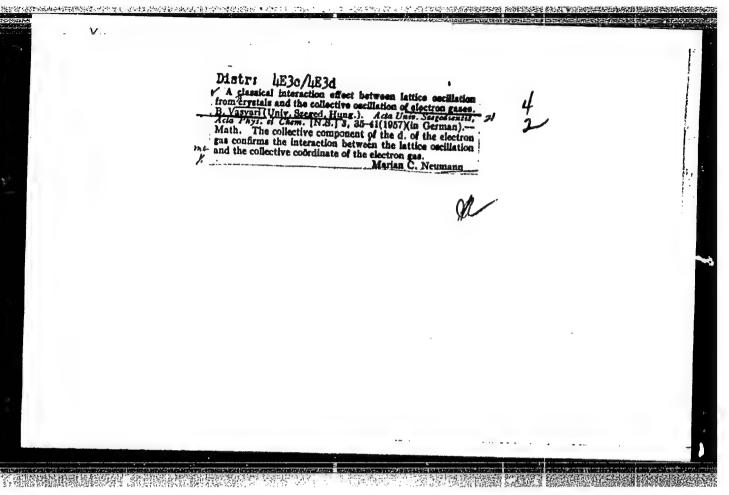
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HUNGARY/Theoretical Physics - Classical Electrodynamics, Classical B-3
Theory of Fields.

Abs Jour : Ref Zhur - Fizike, No 9, 1958, No 19626

Author : Horveth J.I., Vasvari B.

Inst : University of Szeged, Szeged, Hungary Title : Generalized Linear Electrodynamics.I.

Orig Pub : Acta phys. Aced. sci. hung., 1957, 7, No 3, 277-288

Abstract: It is noted that in electrodynamics with higher derivatives, in the Podelsky fermulation (Podelsky B., Schwed Ph., Reviews of Medern Physics, 1948, 20, 40) a difficulty arises in quantization, awing to the vanishing of the time component of the generalized momentum of the field. The authors propose a new expression for the Legrangian function of the free field, at which all the momenta of the field are finite, and the field equations are obtained in the form of generalized wave equations without using the supplementary Lorentz condition. The canonical formalism of the theory is developed in detail, as are the derivations for the expressions for

Cerd : 1/2

2

HUNGARY/Theoretical Physics - Classical Electrodynamics, Classical B-3
Theory of Fields

Abs Jour : Ref Zhur - Fizike, No 9, 1958, No 19626

the canonical and symmetrical energy-momentum tensors of the field.

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

MUNICARY/Electricity - Matter with Metallic Permeance

9-4

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 3679

Author : Vasvari B.

Inst : The University, Szegod, Hungary

Title : Classical Interaction Between the Vibrations of a Crystal-

Lattice and the Collective Vibrations of an Electron Gas.

Orig Pub : Acta phys. et chem. Szeged, 1957, 3, No 1-4, 35-b1

Abstract : In the Bohn and Pines approximation, the author considers the

problem of the behavior of an electron gas in a lattice made of positive ions. The coordinates are separated into collective and individual ones. The equations of motion for the Fourier representations of the collective coordinate are the same as for an oscillator with an external force.

From the form of the solution it follows that in that case, when the plasma frequency (ω_p) is a multiple of the vibration frequency (ω_p) resonance takes place, i.e., thermal oscillations of the ions can excite oscillations

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51

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASVARI, Bala

Collective description of electronic interactions. Wagy fiz folyoir 7 no.6:457-488 *59. (HEAI 9:4)

1. Kossuth Lajos Talemanygegyetem, Devrecen, Elmeleti fizikai Intezet. (Electrons)

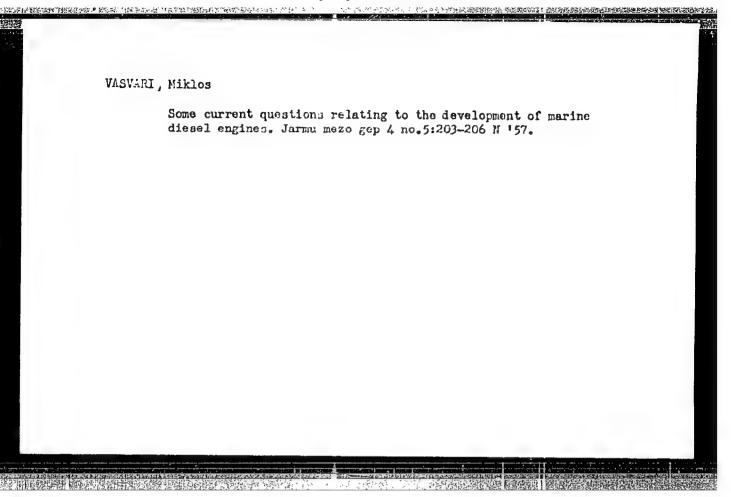
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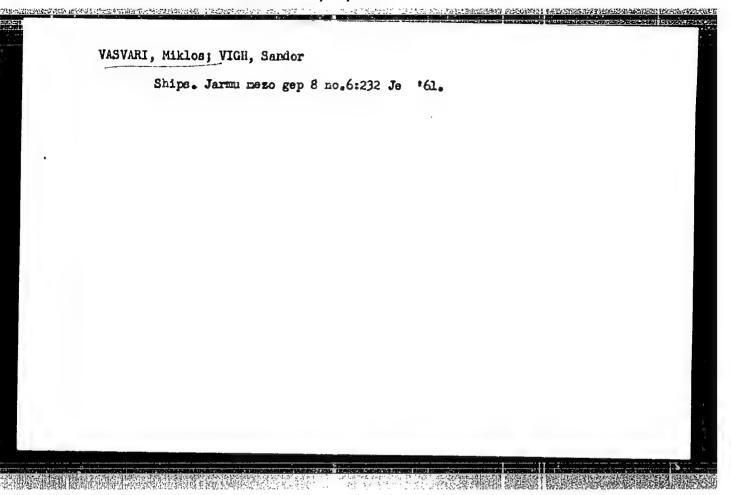
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ACC NR: AT6	025138		SCURCE CODE:	HU/250: '65/05	1/01-/0081/010
AUTHOR: Vas	evari, F.				51
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			itation process		
			me. Acta technic	a. v. 51. no. 1	_2, 1965, 81-1
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ACC NR AF6032679 DOUBLE COOR: HU/0012/65/013/012/0367/0369 AUTHOR: Payer, Karoly; Vasvari, Gabor--Vashvari, G. ORG: Central Research Institute for Chemistry, MTA (Magyar Tudomanyon Akademia Kozponti Kemiai Kutato Intezet) TITLE: Portable device for measuring weak beta contamination by scintillation SOURCE: Meres es automatika, v. 13, no. 12, 1965, 367-369 TOPIC TAGS: photomultiplier, scintillation, radiation detector ABSTRACT: A portable, transistorized contamination meter for measuring weak beta- and gamma-radiation was constructed. The detector consists of a plastic scintillator in conjunction with a Zeiss M 10 FS 25 photomultiplier. The electronic portion contains a highly stabilized high-voltage power supply, a wideband amplifier, a pulse-shaping stage, and an integrating stage. The lowest detectable radisactive contamination is 3 x 10⁻⁴ μC/sq. cm. for weak β-radiation and 1.5 x 10⁻³ μC/sq. cm. fory-radiation. The authors thank Forkai Jozsef. Electronic Engineer, for electronic preparations. Orig. art. has: 3 figures. [Based on authors' Eng. abst.] [JPRS: 34,273] SUB CODE: 18, 09 / SUBM DATE: 16Dec64 / OTH REF: 004 Card 1/1 0919 2504

The table





VASVARI,	Miklos								
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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASVARI, Miklos, fokonstruktor

High-power pusher ship on the Danube. Jarmu mezo gep 11 no.10:367-371 0 64.

1. Hungarian Shipyard and Crane Factory.

LASZIO, Pota, dr.; VASVARI, Sandor, ujitasa

Automatic mobile tomograph. Magy. radiol. 7 no.1:57-59 Jan 55.

l. A Kutvolgyi uti Allami Korhaz (igazgato: dr. Hancsok, Mariusz)
Rontgen-intezetenek (vezeto foorvos: Hajdu, Imre dr.) kozlemenye.
(ROENTGENOGRAPHY, apparatus and instruments,
tomograph, automatic mobile.)

KOLLEY, Laszlo; VASVARY, Antal

Central concrete factories. Magy ep ipar 11 no.11:501-508 162.

VASVARY, Artur

Activity of the Division of Geography, Geology and Geophysics. Term tud kozl 4 no. 6:286-287 Je 160.

1. Secretary, National Executive Committee, Division of Geography, Geology and Geophysics.

VASVARY, Artur

The Circle of Friends of the Tourists of the Touring, Money Changing, Traveling, and Shipping Co., Ltd., and the Society for Propagation of Scientific Knowledge has been formed. Term tud kozl 6 no.12:575 D 162.

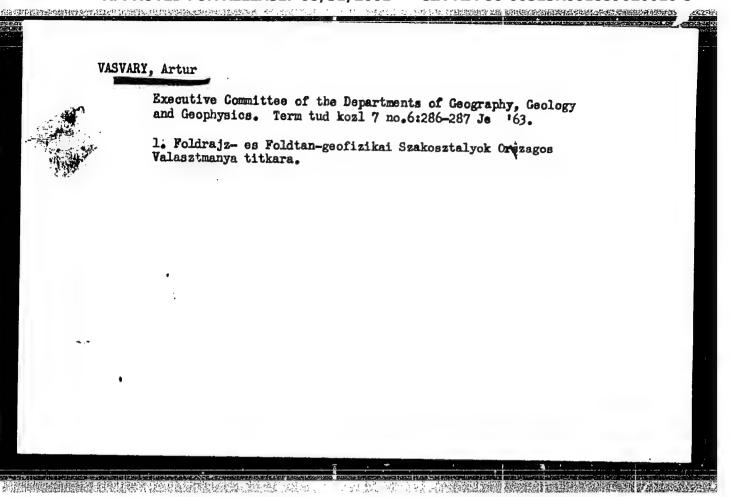
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VASVARY, Artur

Nesebar, the "little Venice" of the Bulgarian Sunshine Shore. Elet tud 17 no.32:1007-1011 12 Ag '62.

1. Tudomanyos Ismeretterjeszto Tarsulat orsz. foldrajzi valasztmany titkara.

***************************************	RY, Artur					
	"The crossing of Anteby Artur Vasvary. To	e crossing of Antarctica" by Vivian Fuchs, Edmund Hillary, Artur Vasvary. Term tud kozl 7 no.3:141 Mr '63.				
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VASVARY, artur, dr.

Everyday life in an Inglan village on a diapositive film. Folir kozl 11 no. 4:358 '63.

1. Secretary, National Executive Committee, Division of Geography, Geology and Geophysics, Society for Propagation of Scientific Knowledge; Member, Executive Committee, Hungarian Geograph.cal Society.

VALY. C.

Inportant results of experiments in the merodynamics of very fact a relater.

If no. 91. (AMERICAN EXPERT), Budapest, Hungary), Vol. 1, No. 3, har. 19th.

E0: Monthly list of East European Accessions, (SMAI), 10, Vol. 1,

No. 5, May 1955, Uncl.

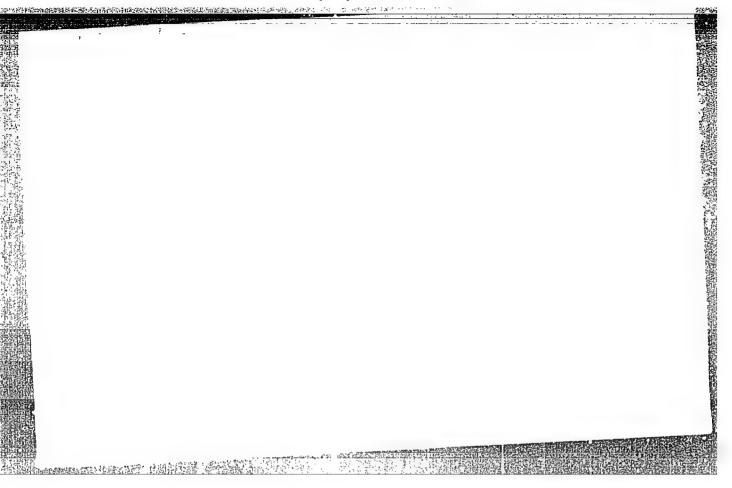
APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASY, G.

TECHNICAL BUVELORIEST AND MODERS STREAMING OF HIGH*SPEED VEHICLES.

p 84 (JARMUNER MEMOGAZDAJAGI CEPER) FUDAFRUT, HUN ERY VOL 4 NO 2 JUNE 1057

SO: MONTHLY INDEX OF EAST EURICEAN ACROSIONS (AREI) VOL 6 NO 11 NOVEMBER 1957



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASY, Geza, okleveles gepeszmernok, aerodinamikus (Budapest)

Is there a future for airships? Term tud kozl 5 no.2:70-72 F '61.

VASY, Geza, okleveles gepeszmernok

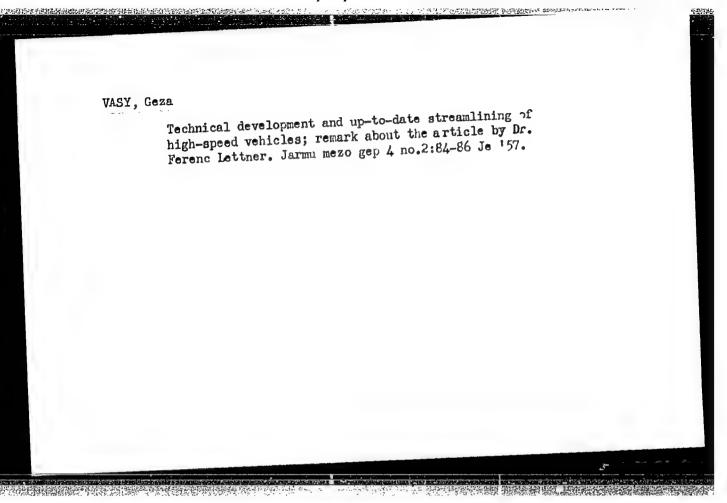
Reducing openings suitable for measuring flow at low Reynolds numbers. Meres automat 10 no.4:114-122 162.

1. Iranyito tervezo, GEPTERV.

VASY, Geza, okleveles gepeszmernok

Novelty, up-to-dateness, and economy. Meres automat 11 no.1:
27-28 *63.

1. Iranyito tervezo.

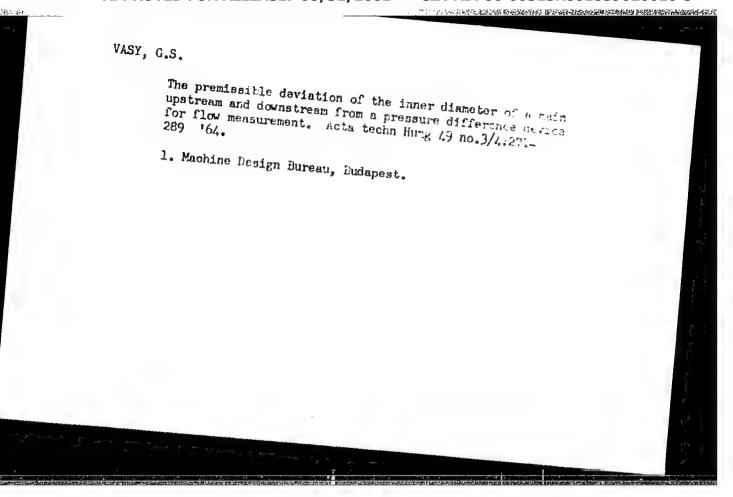


APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASY, Geza

Permissible tolerance of the diameter of pipelines in case of quantity measurement by means of the aperture. Muszaki kozi 1774 33 no.1/4:131-149 *64

1. Geptervezo es Muszaki Iroda, Budapest.



L 21994-66 EWT(1) IJP(c)

ACC NR: AP6006965

SOURCE CODE: UR/0368/66/004/002/0157/0161

AUTHOR: Khlevnyuk, A.T.; Vasyagin, N.I.

ORG: none

21,44,55

TITLE: Thermoluminescence of some lamp luminophors

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 2, 1966, 157-161

TOPIC TAGS: luminophor, luminescent material, luminescence, thermoluminescence

ABSTRACT: The authors investigated the thermoluminescence of many lamp luminophors produced by the industry, with the aim of studying the depth distribution of local capture levels and the magnitude of the light sum registered by them, in order to improve the quality of the lamps. The thermoluminescence was investigated between 20 and 300-400C and -180 to 20C. It is shown that the curves of thermal de-excitation of halophosphate luminophors have many high-intensity peaks, indicating that these luminophors contain many local levels of various depth and store considerable light sums. A comparison of all the thermal de-excitation curves showed that the halophosphate luminophors have the highest local capture levels and that these luminophors also store the highest light sum. A variation in the

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concentration of magnesium leads to a corresponding variation in the intensity of the initial phosphorescence of luminophors. It is concluded on the basis of the experiments that a single center of excitation is responsible for the luminescence of the luminophors studied. Consequently, it may be assumed that the luminescence of a luminophor originates with the recombination of electrons liberated from the local capture levels with the centers of excitation. Orig. art. has: 1 figure.

SUB CODE: 20 / SUBM DATE: 13Jul64 / ORIG REF: 007

Card 2/2 1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASYAGIN, S., general-polkovnik

Leninist ideology is your weapon. Komm. Vooruzh. Sil 46 nc.7: 59-66 Ap '65. (MEA 18:5)

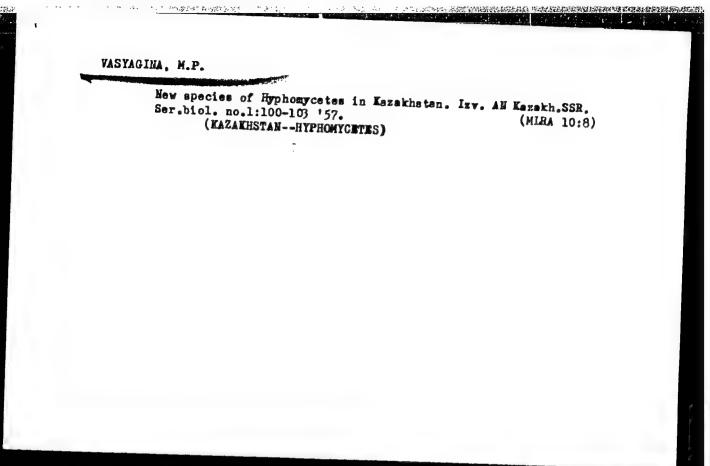
1. Chlen Voyennogo soveta, nachal'nik politicheskogo upravleniya Gruppy sovetskikh voysk v Germanii.

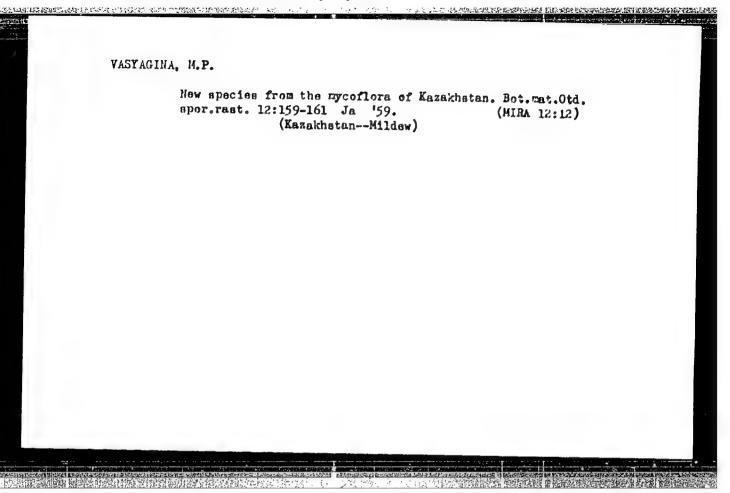
VASYAGINA, M. P.

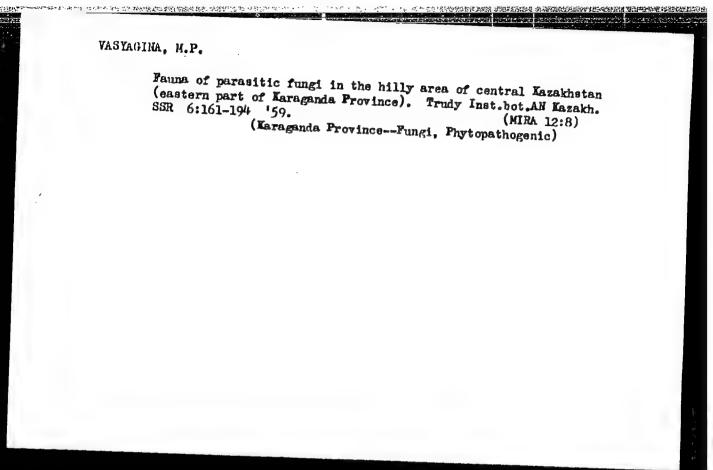
VASYACINA, M. P.: "Parasitic microflora of the 'melkosopochnik' of central Karakhstan (in the eastern portion of Karaganda Oblast)."

Acad Sci Kazakh SSR. Inst of Betany. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Biological Sciences)

So: Knizhnaya letopis' No 30, 1956 Moscow







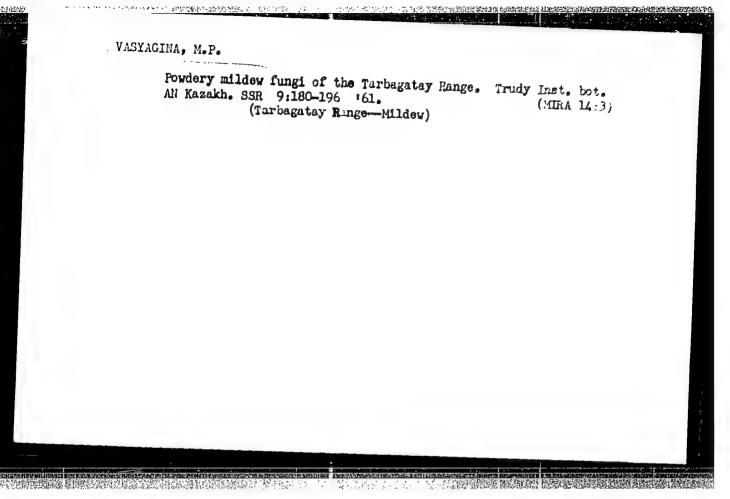
VASYAGINA, Mariya Pavlovna; KUZNETSOVA, Mariya Nikolayevna; PISAREVA,
Nadezhda Fedorovna, SHVARTSMAN, Sof'ya Ruvinovna, kand. biolog.
nauk; SUVOROVA, R.I., red.; SHEVCHUK, T.I., red.; ROROKINA, Z.P.,
tekhn. red.

[Flora of sporeforming plants of Kazakhstan] Flora sporovykh rastenii Kazakhstana. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR. Vol.3. [Mildew] Muchnisto-rosianye griby. 1961. 458 p.

(Kazakhstan-Mildew)

(MIRA 15:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"



KONAREVSKIY, A.A., starshiy nauchnyy sotrudnik; DERGUNOVA, A.A., starshiy nauchnyy sotrudnik; VASTAGINA, O.A., tekhnik

Development of modern standards of electric power consumption for the production of sausages. Trudy VNIIMP no.9:152-157 '59.

(Sausages)

(MIRA 13:8)

Alliandell'edit, A.L. (Enc.) Viviakin, E.J. (Mining Ing.): Misirak, TE, C. (Mining El. Eng.)
Potash Industry and Trade - Solikamsk
Mechanized mining work at the Solikamsk potash mine. Mekh. trud. rab. 6 nc. 5, 1952.
Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED

USSR/Chemistry - Raw materials, Mining of potassium saits: Fp_[73]

Card 1/1

Pub. 50 - 11/20

Authors

: Vasyakin, A. S., Komshilov, I. I., Dibrov, R. P.

Title

: Application of the method of drill-holes arranged in the shape of a fan in the exploitation of the "Krasnyy P" layer at the Solikamsk potassium mine

Periodical

: Khim. prom. No 5, 294-296, Jul-Aug 1955

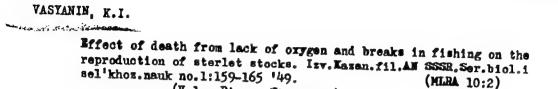
Abstract

: The details of a new method of mining and its advantages are described.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASYANIN, Aleksandr Ivanovich, zhurnalist-mezhdunarodnik;
ROZHDESTVENSKIY, P., red.; KONOVALOVA, L., tekhn. red.

[The Republic of Mali] Respublika Mali. Moskva, Gospolitasdat, 1963. 70 p. (MIRA 16:4)



(Volga River--Sturgeons)

LUKIE, A.V. VASYANIE, K.I., POPOV. Yu.K.

Inferior and undesirable fishes of the Tatar Republic, their significance in fishery and means for their economic utilization. Izv. Kazan. fil.AN SSSR. Ser. biol. i sel'khoz. nauk no. 2:259-292 50. (MLRA 10:2) (Tatar A.S.S.R. - Fishes)

VASYANIN, K.I.

Introduction on collective farms of methods for intensified cultivation of young mirror carp. Uch.zap.Ka.un. 115 no.8:205-215 '55. (MLRA 10:3)

1. Deystvitel nyy chlen Obshchestva yestestvoispytateley. (Carp)

Heat resistance of the muscular tissue of some species of birds of the finch family. TSitologiia 2 no.4:483-485 Jl-Ag '60.

(MIRA 13:9)

1. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii AN SSSR, Leningrad.

(TEMPERATURE—PHYSIOLOGICAL EFFECT)

(MUSCLE)

(FINCHES)

VASYANIN, S.I.

Optimum force of a local contractile reaction (contracture) of the somatic muscles. TSitologiia 3 no. 2:146-153 Mr-Ap '61.

(MIRA 14:4)

l. Laboratoriya fiziologii kletki Fiziologicheskogo instituta pri Leningradskom universitete. (MUSCLES)

NIKOL'SKIY, N.N.; VASYANIN, S.I.

Nature of resting potential in phytophagous insects. TSitologiia 4 no.4:451-453 J1-Ap '62. (MIRA 15:9)

1. Laboratoriya fiziologii kletki Instituta tsitologii AN SSSR, Leningrad.

(INSECTS-PHYSIOLOGY) (ELECTROPHYSIOLOGY)

VASYANIN, S.I.

Thermostability of muscle Tissue in 3 species of herons.
Taitologiia 4 no.6:673-675 N-D'62 (MIRA 17:3)

1. Laboratoriya sravnitel*noy tsitologli Instituta tsitologii AN SSSR, Leningrad.

NIKOL'SKIY, N.N.; VASYANIN, S.I.; VERENINOVA, S.A.

Adjustment of solitary nerve and muscle fibers to a linearly rising current. Fiziol.zhur. 48 no.12:1507-1510 D '62.

titut tsitologii AN SSSR, Leningrad. (MIRA 16:2)

1. Institut tsitologii AN SSSR, Leningrad. (ELECTROPHYSIOLOGY)

NIK	Of tokin' Male Assessed	To the same and th		
	nolation between a of microelectrode.	tiet resting recentie . Giofizika () ne.	al value and the filling 2:7:477 '64. (MER' 17:7)	
	1. institut tairo	engli am duri, entr	na: 11.	

<u>L 41310-65</u> ACCESSION NR: AR5003960

\$/0299/64/000/023/R035/R036

SOURCE: Ref. zh. Biologiya. Sv. t., Abs. 23R269

20 B

AUTHOR: Vinogradova, N. A.; Vasyanin, S. I.

TITLE: Change in intracellular concentration of cations during incubation of muscles at low temperature

CITED SOURCE: Tsitologiya, v. 6, no. 4, 1964, 486-493

TOPIC TAGS: frog, muscle, tissue culture, ion concentration, potassium, sodium, lithium, substitution reaction

TRANSLATION: Phase changes of the intracellular concentration of K⁺ were observed during prolonged incubation of sartorius muscles of common from at 20 in an obligance force to 1 in and it to induction in which sodium ethics to an object to 1 in and it to induction.

onloride. During the first two lays the intracellular acromination of Kt dropped from 127.3 to 107.0 mmols, and returned to its initial level on the 3d and 4th days. During the next 5-6 days the Kt level of the muscles was reduced to 109.3 mmols in the ordinary Ringer

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L 41310-65

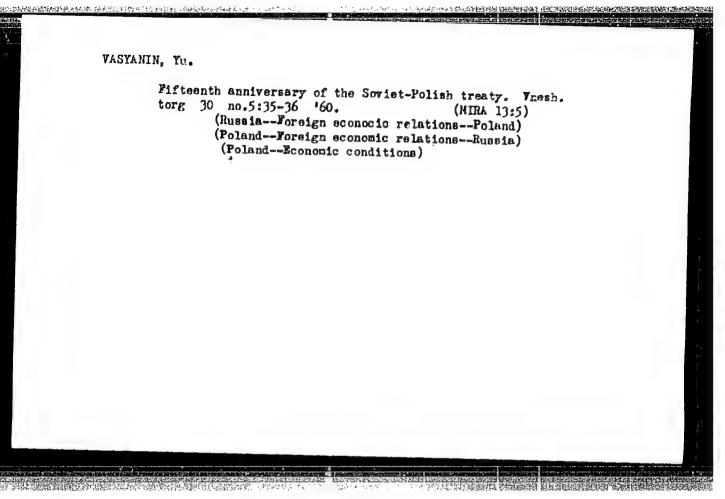
ACCESSION NR: AR5003960

solution and to 54.5 mmols in the solution with lithium chloride. The observed increase in intracellular concentration of K⁺ was not accompanied by an increase in rest potential. In 6 days its value dropped from 82 to 70 mv in the Ringer solution with sodium chloride and to 65 mv in the solution with lithium chloride. It is assumed that the phase changes of intracellular concentrations of K⁺ are related to fluctuations in the sorption properties of muscular tissue. During the incubation period (9 days), the intracellular concentration of Na⁺ increased from 26.4 to 42.5 mmols in the Ringer solution with sodium chloride. Muscles lost 20.0 mmols of Na⁺ during incubation in a solution with lithium chloride, and the intracellular concentration of Li⁺ after 10 days was equal to 15 mmols. Author's abstract.

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ENCL: 00

Card 2/2

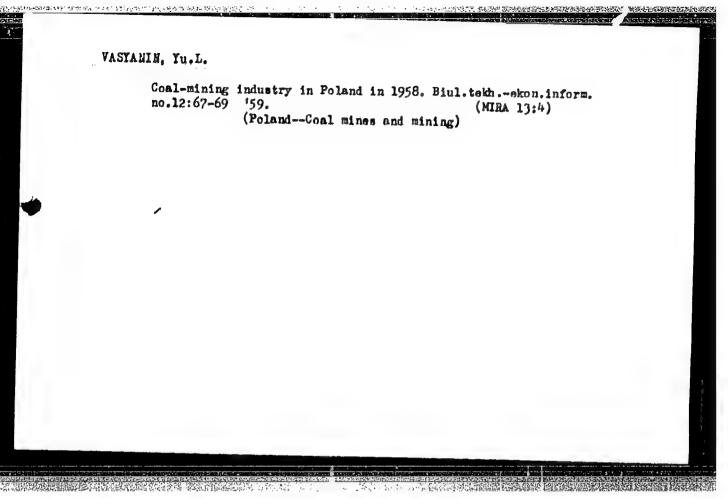


VASYANIN, Yu.; SHAIASHOV, V.

Prospects for Poland's foreign trade development. Vnesh. torg.
41 no.6:20-25 '61. (MIRA 14:7)

(Poland—Economic conditions)

(Poland—Commerce)



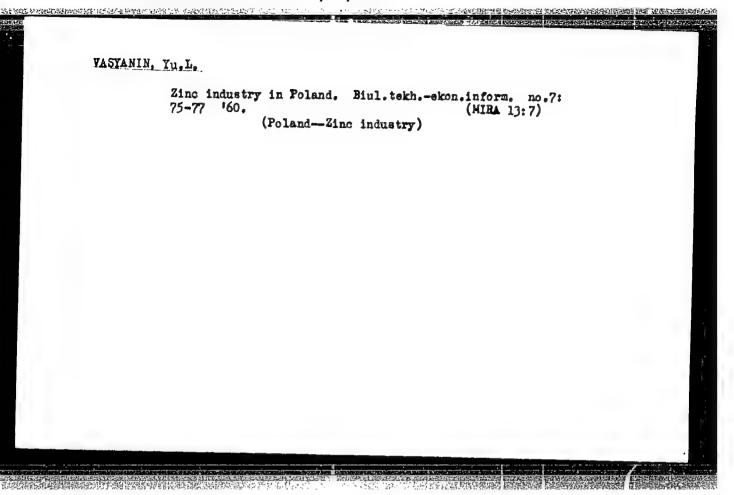
Power machinery construction in Poland.

Power machinery construction in Poland.

No.12:71-74 160.

(Poland—Machinery industry)

(Foland—Machinery industry)



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

S/193/60/000/005/012/012 100A/400A

AUTHOR:

Vasyanin, Yu.L.

TITLE:

The Polish Ferrous Metallurgy

PERIODICAL:

Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 5, pp.

80 - 83

The author presents a detailed survey on the development of the Polish ferrous metallurgy and states that from 1945 to 1959 44 million tons steel were produced in Poland, 1.e. 2.3 times more than from 1920 to 1939. Including the iron ore mining industry, 52 enterprises with 132,700 employees produced ferrous metals in 1958. Table 1 shows the increase in production of the various items.

, rous metals in .	1957 r.	1	7		in 1,000 tons cast iron for rolled steel;	steel manufacture; 4) pipes.
1) Чугун (в пересчете на передельный)	3692 5304 3580	3864 5642 3700 311	4374 6159 4060 333			

Card 1/0

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S/193/60/000/005/012/012 A004/A001

The Polish Ferrous Metallurgy

Table 2 shows the increase in production capacity of the ferrous metallurgy on account of new capital investments from 1950 to 1958.

. E	диница	Table 2: 1) Unit of measure; 2) increase; 3) blast furnace; 4) steel melting furnace; 5) coking plants; 6) sintering installations; 7) rolled material; 8) iron castings; 9) steel castings.
// Сталеплавильные		During this period the total useful volume of blast furnaces increased from about 7,150 cu.m
5/ Коксохимические	тыс. т 31 ппт. 3	(19 furnaces) to 15,860 cu.m (26 furnaces). With three more blast furnaces of 1,700 cu.m. each
у Агломерационные	ис. 7 41	one blast furnace is to be brought to 690 cu m
у/литье чугунное т С/Литье стальное т	тыс. т 23 тыс. т 6	10.8 pressed by the following figures (in tons);
TO POSSIBLE OF THEIR	Case Line	gical plants introduced moistened blowing which made blowing temperature from 500 to 750°, in same cases an increase of the utilization factor of blast furnaces.
Card 2/6		

8/193/60/000/005/012/012 A004/A001

The Polish Ferrous Metallurgy

From 1961 to 1965 eight new blast furnaces will be erected, while six obsolete ones will be torn down. Compared to 1,039 kg coke in 1957 per ton of pig iron, in 1959 the coke consumption was cut down to 989 kg per ton of pig iron. The corresponding figure projected for 1965 is 900 kg coke. In 1958 the Polish ferrous metallurgical industry had 94 open-hearth furnaces. Table 3 presents data on the open-hearth furnaces, comparing the 1950 figures with those for 1957 and 1958.

	1950 r.	1957 г.	1958 г.
///Печи емкостью до 30 г · · · · · · · ·	18	17	16
3160 #	38	42	42
3) Печн емкостью 61—100 т	19	29	29
4) Печи сыкостью 101—200 т	-	3	3
5) Печи сыкостью свыше 200 т	-	3	4
(a) Beero	75	91	94
Card 3/6			

Table 3:

- 1) furnaces with a capacity of up to 30 tons;
- 2) idem of 31-60 tons; 3) 30 idem of 61-100 tons;
- 4) idem of 101-200 tons; 5) idem of more than 200 tons; 6) total.

In February 1959 the 360-ton capacity openhearth furnace No. 8 was put in operation at the Combine im. Lenin, which made the number of open-hearth furnaces in Poland increase to 95. Table 4 presents comparative data on the capacity and hearth area of open-hearth furnaces in 1950 and 1959 (up to February).

The Polish Ferrous Metallurgy

3/193/60/000/005/012/012 A004/A001

Показатели	1950 r.	1959 r.	% npupo.
3/ Суммарная ем- кость печей, т Суммарная пло- щадь пода	33-14	6675	около 100
5/ Средняя сыкость	1820	2876	58
1 печи, т Средняя поверх- ность пода	45	70	56
1 печи, "и²	24	30	25

1) index; 2) increase in \$; 3) total furnace capacity, tons; 4) total hearth area of furnaces, sq. m; 5) average capacity of 1 furnace, tons; 6) average hearth area of 1 furnace, sq.m.

In 1959 the steel output per worker increased to 609 tons, at the Combine im. Lenin to 1,503 tons. The increase in productivity of open-hearth furnaces was attained owing to the use of "zebra" type crowns, a combination of an acid and a basic crown, and also of chrome-magnesite fire-bricks and by using oxygen for the melting of steel. During 1961 - 1965 seven new open-hearth

and one electric furnace will be built in Poland. These new furnaces will increase the steel production by 63%, another 37% increase will be achieved by modernizing old plants. During 1963 - 1964 three 90-ton converters with an annual capacity of 800 - 1,000 thousand tons will be built at the Combine im. Lenin with

Table 4:

Card 4/6

The Polish Ferrous Metallurgy

S/193/60/000/005/012/012 A004/A001

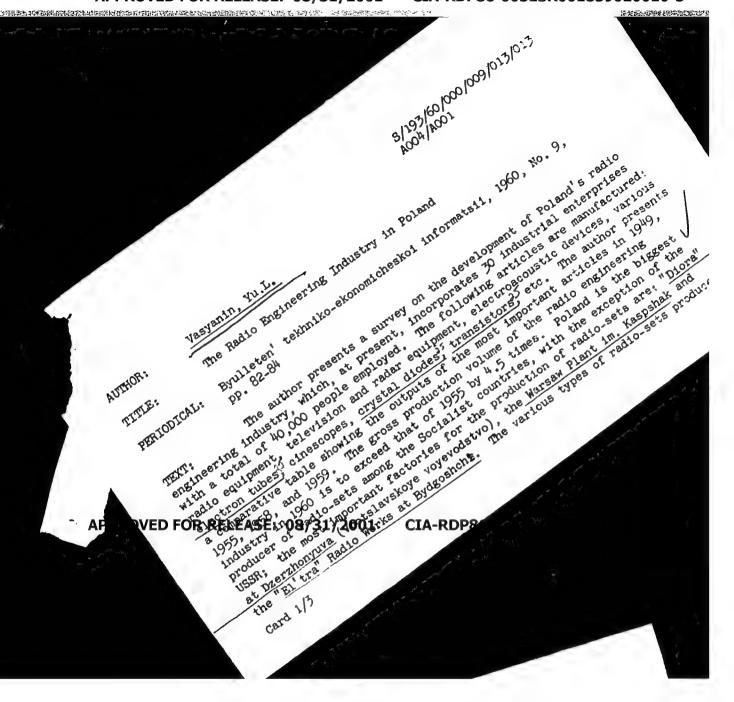
the aid of the Soviet Union. A special plant at Kattovitse carries out repairs of metallurgical plant equipment. New rapid repair methods are being employed which enabled the ferrous metallurgy plants to produce additional 20,000 tons pig iron and the same quantity of steel. Great attention is paid to the introduction of new technological processes, developed mainly by the Institute of Perrous Metallurgy at Glivitse and the Biprokhut Design and Planning Office. Special emphasis is laid on the development of converters with oxygen blowing and steel teeming under vacuum. In 1960 the "Yednosh" Metallurgical Plant is going to receive the equipment for continuous steel teeming, while the metallurgical plants "Bail'don", "Batori" and "Varshava" are going to be equipped with such installations during the next years. By 1965 the "Varshava" Plant is going to produce 350,000 tons of quality steel per year; later, this plant is to increase its capacity to 600,000 tons annually. The production of rolled material was considerably extended and includes now 2,000 different items. Under the next Five-Year Plan the greatest attention is paid to the development of steel sheet production, and particularly transformer steel, sections, tubes and wire. Equipment for a galvanizing plant was bought in the USA and England, while the equipment for the production of seamless tubes was bought in West Germany. Up to 1965 a total of eight new rolling mills will be built, which will result in a 40% increase Card 5/6

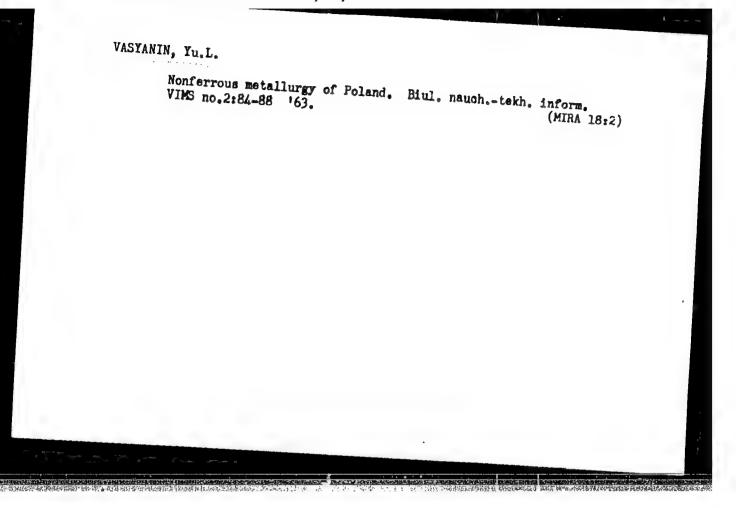
The Polish Ferrous Metallurgy

S/193/60/000/005/012/012 A004/A001

of rolled material, while another 60% raise will be achieved on account of an extensive modernization of old rolling mills. A 6,000-ton press with a production capacity of 20,000 tons of forge work will be installed at the Metallurgical Plant im. Novotki at Ostrovtse. According to the 1960 plan the ferrous metallurgy plants in Poland are to produce 4.6 million tons pig iron, 6.4 million tons steel, 4.3 million tons rolled material and 11.5 million tons coke. There are 4 tables and 8 non-Soviet references.

Card 6/6





APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

KUDRYASHEV, I.I.; BARANOV, A.T; ROZENFEL'D, L.M.; BORDYUG, D.Ya.; LEVIN, M.V.; KALNINA, N.A.; KAN, F.A.; VAS'YANOV, D.P., red.; KUZNETSOV, A.I., tekhn. red.

[Technical specifications for manufacturing articles from cellular concrete, foamed fly ash concrete, breeze foamed fly ash silicate, and foamed clinker concrete] Tekhnicheskie usloviia na izgotovlenie izdelii iz avtoklavnykh iacheistykh betonov - penozolobetona, penozolosilikata i penoshlakobetona; proekt. Moskva, TSentr. biuro tekhn. informatsii, 1959. 62 p.

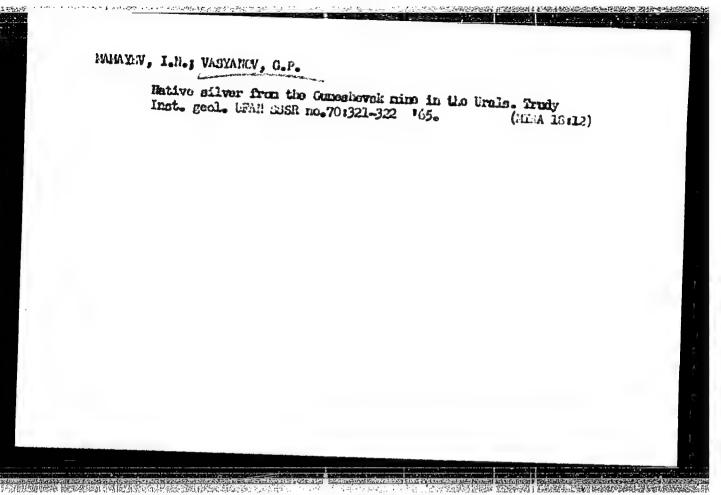
stroitel'nykh materialov, otdelki i oborudovaniya zdaniy.

Lauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Kudryashev). 3. Nauchno-issledovatel'skiy institut betona i zhelezobetona (for Baranov, Rozenfel'd). 4. Nauchno-issledova-pomoshchi stroitel'stva Akademii stroitel'stva i arkhitektury pomoshchi stroitel'stva Akademii stroitel'stva i arkhitektury promyshlennykh zdaniy i socruzheniy (for fevin). 6. Zapadno-Kalnina). 7. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR (for Kan).

(Lightweight concrete)

VASTYATOV, F.F., Cand Tech Sci -- (dist) "Red Tye mait (baking)."
Tos, 1958, 18 pp (Min of Higher Education MSSR. Tos Tech Inst of Food Industry) 100 copies (FL, 27-58, 108)

- 89 -



SIMANOVSKAYA, R.E.; rukovoditel' raboty; SHPUNT, S.Ya.; VODZINSKAYA, Z.V.;
KOKINA, Z.I.; PSTUKHOVA, M.G.; NAYDENOVA, V.A.; VAS'YANOV, V.P.;
VASIL'YEV, N.F., master; ORLOV, N.N., starshiy apparatchik;
NAUMOV, P.M., starshiy apparatchik; TRUPIN, M.P., starshiy apparatchik;
VOLKOVA, V.M., starshiy apparatchik; ZORINA, Ye.A.; KIROVA, V.A.;
LUTOVA, Z.I., ZENKINA, Z.P., laborant; SEMOKHINA, L.A., laborant;

Phosphogypsum and its use in the manufacture of sulfuric acid and portland cement; small-scale operation at the pilot plant of the Scientific Research Institute of Fertilizers and Insectifuges. [Trudy] NIUIF no.160:59-76 58. (MIRA 12:8)

l. Sotrudniki Nauchnogo instituta po udobreniyam i insektofungisidam (for Simanovskaya, Shpunt, Vodzinskaya, Kokina, Fastukhova, Naydenova). 2. Zamestitel' nachal'nika 3-go tsekha Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Vas'yanov). 3.3-y tsekh Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam-(for Vasil'yev, Orlov, Naumov, Trupin, Volkova, Zorina, Kirova, Lutova, Zenkina, Samokhina). 4. TSentral'naya analiticheskaya laboratoriya Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Nikitina).

(Gypsum) (Portland cement) (Sulfuric acid)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASYANOVA, A.S.

Second conference of stomatologists of Amir Province. Stomatologiia 40 no.2:107 Mr-Ap '61.

(AMUR PROVINCE—STOMATOLOGY)

(MIRA 14'5)

California in California de la Californi

TRUB, I.A., kand.tekhn.hauk; VASYANOVICH, I.F., inzh.; DANILETSKIY, A.P., inzh.

Technological indices of the operation of tunnel furnaces and dryers fueled by mazut. Stroi. mat. 8 no.2:25-27 F 162.

(Petroleum as fuel)

(Petroleum as fuel)

KURILOV, G.V., inzh.; VASYANOVICH, I.F., inzh.; YARKHO, V.I., inzh.;

MCRGUNOV, V.N., inzh.; BALITSKIY, S.A., kand. tekhn. nauk

Drying rigid mineral wool plates with hitumen-kaolin binder.

Stroi. mat. 11 no. 12:12-14 D *165. (MIRA 18:12)

DVORKIND, M.M., inzh. V rabote prinimali uchastiye: VAS'YAS, I.P.;
KOKSHAROV, V.D.; DRESVYANKIN, V.I.; PARAMONOVA, A.P.;
GOLOKHMATOV, S.N.; SHISHARIN, B.N.; GOLIKOVA, T.A.; KLISHA, Ya.A.; KOZHEVNIKOVA, Ye.L.; VYDRINA, Zh.A.; BUSHUYEVA, T.N.;
NAZARENKO, G.A.

Behavior of open-hearth furnace crowns under the effect of feeding oxygen into the burner flame and into the bath. Stal' 20 no.2:117-121 F '60. (MIRA 13:5)

AUTHOR:

Vasyayev, G.M.

SOV/19-58-6-11/685

TITLE:

A High-Altitude Suit of Several Layers of Fabric (Vysotnyy kostyum iz neskol*kikh sloyev materii)

PERIODICAL:

Byulleten' izobreteniy, 1958, Nr 6, p 7 (USSR)

ABSTRACT:

Class 3b, 22. Nr 113974 (134415/163471 of 20 February 1935). Submitted to the Committee for Inventions 1935). Submitted to the Committee for Inventions 20 and springs placed between the fabric layer to form air layers in the material. 2) A high-altitude suit as described above with pads interconnected with circulation pipes. The chest pad is provided with an electric coil for heating oxygen, and with small bags for stor-

Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

ROD'KINA, Z.I.; VASIL'CHENKO, L.F. [Vasyl'chenko, L.F.]

Using the condenser spinning method for the manufacture of No.25 yarn made from nitron. Leh.prom. no.2:12-14 Ap.Je '.5.

(MIM 18:10)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

VASIL'CHENKO, O.G. [Vasyl'chenko, O.H.]

Ways to improve the work of galenic pharmaceutical enterprises in the Ukraine, Farmatsev.zhur. 20 no.1:85-88 '65.

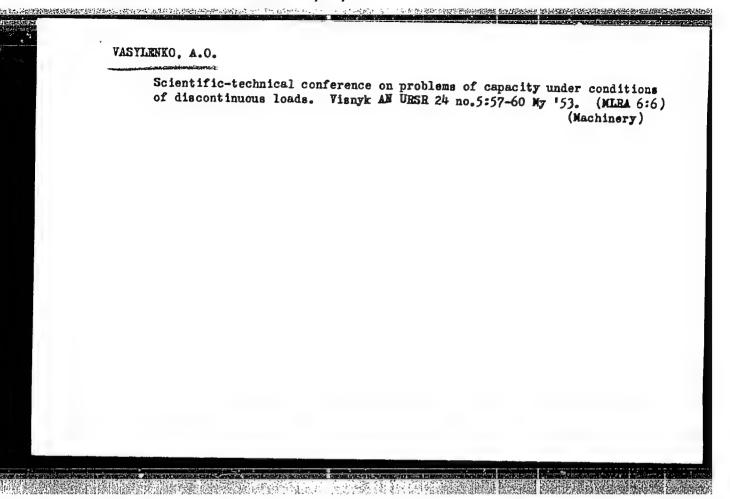
1. TSentral'naya nauchno-issledovatel'skaya aptechnaya Jaboratoriya Glavnogo aptechnogo upravleniya Ministerstva zdravookhraneniya UkrSSR.

VASYLENKO, A.O.

Russia - Politics and government

More help of scientists on great new construction projects. Visnyk AN URSR 22 no. 10,

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.



VASYLENKO, A.O.

Scientific and technical conference on theoretical and industrial problems in high-strength cast iron production. Visnyk AN UESR 24 no.9:66-71 S '53.

(MLRA 6:10)

(Cast iron)

16(1)

SOV/21-59-9-3/25

THE COMPANIES OF THE PROPERTY OF THE PROPERTY

AUTHOR:

Vasylenko, O.Yu.

TITLE:

On a Certain Integral Equation

PERIODICAL:

Dopovidi Akademiyi nauk Ukrayins'koyi RSR, Nr 9.

1959, pp 941-944 (USSR)

ABSTRACT:

In this paper, the author proves the existence and uniqueness of a positive solution of a non-linear integral equation met with in the theory of the non-

steady flow of ground water:

 $\S^{2}(\xi) = \S K(\xi; \xi,) \S (\xi,) d\xi, 0 < \xi \leq \xi, \leq 1,$

whereby $\mathcal{K}(\xi;\xi)$ stands for core, and $0 \leqslant \xi \leqslant 1$ for region. Using a number of formulae, he arrives at this conclusion by making the following statement: assuming that $0(\xi)=1$ at $\xi \leqslant \xi \leqslant 1$ and close to $\xi=\xi_1 \leqslant 10(\xi) \geqslant 1$ at $\xi \leqslant \xi_2$, we shall obtain analogical inequalities contradicting the assumption, by which the existence of the unique positive solution of the integral equation

Card 1/2

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On a Certain Integral Equation

SOV/21-59-9-3/25

(1) is proved. There is 1 Soviet reference.

ASSOCIATION:

Kyyivs'kyy inzhenerno-budivel'nyy instytut (Kiyev Engineering and Construction Institute)

PRESENTED: SUBMITTED:

By Y.Z. Shtokalo, Member AS of UkrSSR March 7, 1959

Card 2/2

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"

66647

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SOV/21-59-11-3/27

AUTHOR:

Vasylenko, O.Yu.

TITLE:

On the Solution of One Integral Equation

PERIODICAL:

Dopovidi Akademiyi nauk Ukrayins'koyi RSR, 1959,

Nr 11, pp 1184 - 1188 (USSR)

ABSTRACT:

Examining the unique, positive solution of a non-

linear integral equation

 $f^{2}(\xi) = \int_{\xi} K(\xi; \xi, \xi) f(\xi, \xi) d\xi, \quad 0 < \xi \leqslant \xi, \leqslant 1$ (1)

encountered in the theory of the non-steady flow of ground waters, the existence of which has been proved Ref 1, the author offers two iteration methods for its solution. For this, in his first method, he

employs the iteration formula

Card 1/3

fn. (E) = (K(E; E,) f. (E) dE

(14)

66647

(19)

SOV/21-59-11-3/27

On the Solution of One Integral Equation

and in his second method he employs the iteration formula

$$f_{n+1}(\xi) = \frac{1}{2} \left[f_n(\xi) + \frac{\int_{\mathcal{E}} K(\xi; \xi_i) f_n(\xi) d\xi_i}{f_n(\xi)} \right]$$

and also proves the convergence of successive approximations obtained by the iteration methods, towards the solution. Designations employed are standard mathematical, Assumptions made are as follows:

a) nucleus K(E; E,

is a positive continuous function

in both arguments

in the area & { < < < 1

Card 2/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859020010-5"